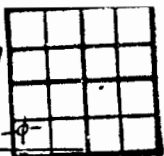


CONTRACTOR'S WELL LOG

15-051-21007

KANSAS GEOLOGICAL
Wichita, Kansas

18-13-20W
NW-SW-SW



OPERATOR:	Graves Drilling Company, Inc.
CONTRACTOR:	Abercrombie Drilling, Inc.
WELL NAME:	HERBERT #1
LOCATION:	C NW SW SW Section 18-13S-20W Ellis County, Kansas
GEOLOGIST:	Fred W. Stump
SPUD DATE:	January 13, 1975
COMPLETED:	January 21, 1975

ELEVATION: 2209 KB

LOG TOPS:	DEPTH:				
		0	35	Rock	
		35	214	Shale w/lime stringers	
Anh	1555	214	550	Shale	
Top	3229	550	650	Sand	
Heeb	3477	650	1025	Shale	
Tor	3498	1025	1270	Sand	
Lans	3518	1270	1555	Shale	
Bkc	3766	1555	1595	Anhydrite	
Cong	3903	1595	1840	Shale	
Arb	3922	1840	3430	Lime and Shale	
Rtd	3934	3430	3935	Lime	
			3935	Rotary Total Depth	



Drilled 214' of 12 1/4" surface hole. Set 8-5/8" surface casing @ 204.30' G.L. Cemented with 150 sacks Common Quick-Set. Cement circulated. Plug was down @ 5:30 a.m., January 13, 1975. Plugged and Abandoned: 1st Plug Set @ 666' with 70 sacks cement, 2nd Plug Set @ 185' with 20 sacks cement, 3rd Plug Set @ 40' with 10 sacks cement. Plug was down @ 5:00 l.m., January 21, 1975. State Plugger: Leo Massey.

Sample Tops:
Anhydrite 1555
B/Anhydrite 1595

Elevation:
2209' K.B.
2207' D.F.
2201' G.L.

STATE OF KANSAS)
COUNTY OF SEDGWICK) SS

Jack K. Wharton, Geologist of Abercrombie Drilling, Inc. does hereby state that the above and foregoing is a true and correct copy of the log of the HERBERT #1, C NW SW SW Section 18-13S-20W, Ellis County, Kansas.

ABERCROMBIE DRILLING, INC.

By: Jack K. Wharton
Jack K. Wharton, Geologist

Subscribed and sworn to before me, a Notary Public, in and for the aforesaid county and state as of this 27th day of January, 1975.

Notary Public